ABSTRACT

Information technology has been significantly developed. Many sectors are already using the digitalization system, including the marine sector. Lack of good monitoring and communication between anglers on the platform side often occurs. This causes errors in conveying extreme weather and emergencies on the floating fish platform.

Therefore, in this final project, the design and manufacture of a LoRa monitoring dashboard are carried out to implement a system that can help monitor floating fish platform. This system is built based on a web application. There is a feature to display data in a dashboard with details such as platform name, coordinates, and status.

The result of this research is a DASHBOARD MONITORING system designed to make it easier for anglers involved in delivering floating fish platform information and help increase the digitization of the fisheries sector there. This web dashboard can become a medium for monitoring floating fish platform for fishers from land.

Based on the results of the alpha or functionality test value of 100%, testing the accuracy of the graphing speed of 100%, and trying actual conditions with expected results, it can be concluded that the application is running well according to its function.

Keywords*: Dashboard Monitoring, Floating Fish Platform, LoRa, Web Application*